AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Presented) A method of medium access control comprising:

receiving a first message including a first integer;

sending a second message including a second integer, the second message sent in response to the first message;

receiving, in response to the second message, a third message including data and a third integer, the third integer serving to authenticate the third message; and

sending, in response to the third message, a fourth message including a fourth integer, the fourth message serving to acknowledge receipt of the third message.

2. (Original) The method of claim 1, further comprising:

using, as the first, second, third, and fourth integers, the same value.

3. (Original) The method of claim 2, further comprising:

using, as the same value, a random integer.

4. (Original) The method of claim 2, further comprising:

using, as the same value, a pseudorandom integer.

5. (Original) The method of claim 2, further comprising:

using, as the same value, a time value.

6. (Original) The method of claim 2, further comprising:

using, as the same value, a time value based on a Global Positioning System (GPS).

7. (Original) The method of claim 1, further comprising:

using, as the first integer, a nonce value, the nonce value being based on one or more of the following: a random integer, a pseudorandom integer, or a time value.

8. (Original) The method of claim 1, further comprising:

using, as the first integer, a value that is a function of a nonce value.

9. (Original) The method of claim 1, wherein receiving the first message comprises:

using, as the first message, a request to send message.

10. (Original) The method of claim 1, wherein receiving the second message comprises:

using, as the second message, a clear to send message.

11. (Original) The method of claim 1, further comprising:

using the first, second, third, and fourth messages as the medium access control

of a wireless network.

12. (Original) The method of claim 1, further comprising:

using, as the first message, a request-to-send message, the request-to-send

message providing media access control.

13. (Previously Presented) A method of medium access control in a wireless network

comprising:

receiving a request to send message, the request to send message including a

first integer;

sending, in response to the received request to send message, a clear to send

message including the first integer and a second integer;

receiving, in response to the clear to send message, a data message including

the second integer, the second integer serving to authenticate the data

message; and

sending, in response to the received data message, an acknowledgement

message including the first integer.

14. (Previously Presented) A system of medium access control in a wireless network

comprising:

means for receiving a request to send message, the request to send message

including a first integer;

means for sending, in response to the received request to send message, a clear

to send message including the first integer and a second integer;

means for receiving, in response to the clear to send message, a data message

including the second integer, the second integer serving to authenticate

the data message; and

means for sending, in response to the received data message, an

acknowledgement message including the first integer.

15. (Previously Presented) A system of medium access control comprising:

means for receiving a first message including a first integer;

means for sending a second message including a second integer, the second

message sent in response to the first message;

means for receiving a third message, in response to the second message,

including data and a third integer, the third integer serving to authenticate

the third message; and

means for sending, in response to the third message, a fourth message including

a fourth integer, the fourth message serving to acknowledge receipt of the

third message.

16. (Previously Presented) A system for medium access control, the system

comprising:

a processor; and

a memory,

wherein the processor and the memory are configured to perform a method

comprising:

receiving a first message including a first integer;

sending a second message including a second integer, the second

message sent in response to the first message;

receiving, in response to the second message, a third message

including data and a third integer, the third integer serving to

authenticate the third message; and

sending, in response to the third message, a fourth message

including a fourth integer, the fourth message serving to

acknowledge receipt of the third message.

17. (Original) The system of claim 16, further comprising:

using, as the first, second, third, and fourth integers, the same value.

18. (Original) The system of claim 17, further comprising:

using, as the same value, a random integer.

19. (Original) The system of claim 17, further comprising:

using, as the same value, a pseudorandom integer.

20. (Original) The system of claim 17, further comprising:

using, as the same value, a time value.

21. (Original) The system of claim 17, further comprising:

using, as the same value, a time value based on a Global Positioning System (GPS).

22. (Original) The system of claim 16, further comprising:

using, as the first integer, a nonce value, the nonce value being based on one or more of the following: a random integer, a pseudorandom integer, or a time value.

23. (Previously Presented) A system for medium access control in a wireless network, the system comprising:

a processor; and

a memory,

wherein the processor and the memory are configured to perform a method comprising:

receiving a request to send message, the request to send message including a first integer;

sending, in response to the received request to send message, a clear to send message including the first integer and a second integer;

receiving, in response to the clear to send message, a data message including the second integer, the second integer serving to authenticate the data message; and

sending, in response to the received data message, an

acknowledgement message including the first integer.

24. (Currently Amended)   A computer-readable storage medium containing

instructions which, when executed on a data processor, cause the to configure a

data processor to perform a method of medium access control, the method

comprising:

receiving a first message including a first integer;

sending a second message including a second integer, the second message

sent in response to the first message;

receiving, in response to the second message, a third message including data

and a third integer, the third integer serving to authenticate the third

message; and

sending, in response to the third message, a fourth message including a fourth

integer, the fourth message serving to acknowledge receipt of the third

message.

25. (Currently Amended)   A computer-readable storage medium containing instructions

which, when executed on a data processor, cause the to configure a data

processor to perform a method of medium access control in a wireless network, the

method comprising:

receiving a request to send message, the request to send message including a

first integer;

sending, in response to the received request to send message, a clear to send

message including the first integer and a second integer;

receiving, in response to the clear to send message, a data message including

the second integer, the second integer serving to authenticate the data

message; and

sending, in response to the received data message, an acknowledgement

message including the first integer.